JUN 1 5 2007

Atty Docket No. 019957-016830US

PTO FAX NO.: 1-571-273-8300

ATTENTION:

Examiner Not yet assigned

Group Art Unit Not yet assigned

### OFFICIAL COMMUNICATION

# FOR THE PERSONAL ATTENTION OF

## **EXAMINER** Not yet assigned

#### CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following documents in re Application of SARIBAS et al., Application No. 10/587,769, filed for METHODS OF REFOLDING MAMMALIAN GLYCOSYLTRANS-FERASES are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

#### Documents Attached

- I. Power of Attorney by Assignee; and
- 2. Statement Under 3.73(b).

Number of pages being transmitted, including this page: 10

Dated: June 15, 2007

Sherbonné Barnes-Anderson, Prosecution Paralegal Supervisor

PLEASE CONFIRM RECEIPT OF THIS PAPER BY RETURN FACSIMILE AT (415) 576-0300

TOWNSEND and TOWNSEND and CREW LLP Two Emharcadero Center, Eighth Floor San Francisco, CA 94111-3834 Telephone: 415-576-0200 Fax: 415-576-0300

2813

61078387 vl

PAGE 1/10 \* RCVD AT 6/15/2007 4:24:13 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-1/15 \* DNIS:2738300 \* CSID:415 576 0300 \* DURATION (mm-ss):02-20

NEDDODESUL

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM	Application Number	10/507,769	<b>GENTRAL FAX CEN</b>
	Filing Date		
	First Named Inventor	Saribae, Sami	□ JUN 1 5 200
	Title	METHODS OF REFOLDING MAMMALIAN GLYCOSYLTRANSFERASES	
	Art Unit	Not yet assigned	
	Examinar Name	Not yet assigned	
	Attorney Docket Number	019957-016830US	·· <del>·</del>

		Attomey Docket Number	0.19821-0.10930	06
l hereby revoke all p	auvious powers of attorney given	in the above-identified appli	cation.	
I hereby appoint:				
XX Practilioners associa	ated with the Customer Number:	20350	.	
OR				
Practitioner(s) name	d below:			
	Name	D <sub>~</sub>	istration Number	
<u> </u>	Name		interferences	
as my/our alturney(s) ur	egent(s) to prosecute the application in	dentified above, and to transact	all business in the Un	led Etatos Palont and
Trademark Office conne	coted therewith.			
	ange the correspondence address for		i to:	
AA	issociated with the above-mentioned (	Sustamer Number:		
OR				
The address s	sesociated with Customer Number;			
UN				
Firm or			·	
Individual Name	•			
City		State	Zlp	
Country				
Telephone		Email		
l am thê: Applicant/Inventor.		·		
XX Assignee of record of Statement under	of the entire interest. See 37 CFR 3,7 r 37 CFR 3,73(b) is enclused. (Form F	1, *TO/\$5/96).		
	SIGNATURE of A	pplicant or Assignee of Reco	rd	
Signature	Dynl		Date 6/6	107
Name	BebRA J. POUL		relephone	15-9001
Title and Company		t & GeNERAL C	ou DSEL	
NOTE: Signepures of all the signature is required, see be	Inventore or assignmen of record of the entire			e farms if more than one
Total of	forms are submitted.			
51068851 v1		<del></del>		

PTO/SE/08 (12-06) Attorney Docket No. 019957-016930US

ApplicativPatient Owner: SARIBAS et al.  Application No./Patent No./Control No.: 10567.769	STATEMENT UNDER 37 CFR 3.73(b)	RECEIVED
Application No./Petent No./Control No.: 10/567.759 Filed/Issue Date:    METHODS OF REFOLDING MAMMALIAN GLYCOSYLTRANSFERASES		· · · ·
METHODS OF REFOLDING MAMMALIAN GLYCOSYLTRANSFERASES	Application and a contract and a con	INC. W CENTER
Neose Technologies, Inc.   acorporation		EN 15 2007
(New of Atlagase) (New of Atlagase) (New of Atlagase) (New office at Reel Frame or for which a copy thereof is attached.  2. an assignment from the inventor(s) of the patent application/patent identified above by virtue of either:  A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Petent and Trademark Office at Reel Frame or a true copy of the original assignment is attached.  OR  B. A chain of title from the inventor(s). of the patent application/patent identified above, to the comment assignee as follows:  1. From: To To The document was recorded in the United States Petent and Trademark Office at Reel Frame or for which a copy thereof is attached.  2. From: To To To To The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.  3. From: To To To To Additional document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.  As required by 37 CFR 3.71/(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is behalf, submitted for recordation pursuant to 37 CFR 3.11 [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in authorized copy in authorized to act on behalf of the assignee.  Division in authorized title is subplied below) is authorized to act on behalf of the assignee.  Signature	METHODO OF REFOLDING MANMALIAN CLYCOSYLTRANSFERASES	
states that it is:  1. the assignee of the entire right, title, and interest, or  2. an assignee of less than the entire right, title and interest. (The extent (by persentage) of its ownership interest is	Neose Technologies, Inc. a corporation  (Tree of Assigner: persection, perfecting, povernment approxy, or	- 
1. the assignee of the entire right, title, and interest, or 2. an assignee of less than the entire right, title and Interest. (The extent (by percentage) of its ownership Interest is	(state of well-green)	
2. an assignment fless than the entire right, title and Interest. (The extent (by pertamilage) of its ownership Interest is		
In the patent application/patent identified above by virtue of either:  A. An essignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel Frame or a true copy of the original assignment is attached.  OR  B. A chain of title from the inventor(s), of the patent application/patent identified above, to the comment assignee as follows:  1. From:		
A An essignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Real Frame or a true copy of the original assignment is attached.  OR  B. A chain of title from the inventor(s). of the patent application/patent identified above, to the cument assignce as follows:  1. From: To: To: To the document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.  2. From: To: To: To the document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.  3. From: To: To: To: To the document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.  Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignmental copy (i.e., a true copy of the original assignment document(s) must be submitted to Assignment [NOTE: A separate copy (i.e., a true copy of the original assignment document(s) must be submitted to Assignment Journal of the assignment in the records of the USPTO. See MPEP 302.08]  The undersigned (whose title is subplied below) is authorized to act on behalf of the assignee.  Signature	( rne extent (by permentage) of its ownership Interest is%)	
A An essignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Real Frame or a true copy of the original assignment is attached.  OR  B. A chain of title from the inventor(s). of the patent application/patent identified above, to the cument assignce as follows:  1. From: To: To: To the document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.  2. From: To: To: To the document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.  3. From: To: To: To: To the document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.  Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignmental copy (i.e., a true copy of the original assignment document(s) must be submitted to Assignment [NOTE: A separate copy (i.e., a true copy of the original assignment document(s) must be submitted to Assignment Journal of the assignment in the records of the USPTO. See MPEP 302.08]  The undersigned (whose title is subplied below) is authorized to act on behalf of the assignee.  Signature	In the patent application/patent identified above by virtue of either:	Ì
B. A chain of title from the inventor(s), of the patent application/patent identified above, to the hyment assigned as tollows.  1. From:  The document was recorded in the United States Patent and Trademark Office at Reel  Frame  To:  The document was recorded in the United States Patent and Trademark Office at Reel  Frame  or for which a copy thereof is attached.  3. From:  To:  The document was recorded in the United States Patent and Trademark Office at Reel  Frame  or for which a copy thereof is attached.  Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(1), the documentary evidence of the chain of title from the original owner to the assignes was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Office of the undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  Signature	A. An essignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Petent and Trademark Office at Reel, Frame, or a true copy of the original	1
1. From:  The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is effected.  2. From: The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.  3. From: The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.  Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(1), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11 [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in appointance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]  The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  Signature	OR  B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:	
The document was recorded in the United States Patent and Trademark Office at Reel, Frame or for which a copy thereof is attached.  2. From: To :	1 From:	_
Reel Frame or for which a copy thereof is effected.  2. From: To : The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.  3. From: To : The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.  Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently to being, submitted for recordation pursuant to 37 CFR 3.11  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in apportance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]  The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  Signature	The document was recorded in the United States Patent and Trademark Office at	<u> </u>
The document was recorded in the United States Patent and Trademark Office at Reel frams or for which a copy thereof is attached.  3. From: To : The document was recorded in the United States Patent and Trademark Office at Reel frame , or for which a copy thereof is attached.  Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(1), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently to being, submitted for recordation pursuant to 37 CFR 3.11  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Othision in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP  302.08]  The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.	Reel, Frame or for which a copy thereof is effected.	ļ
3. From: To: The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached.  Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(1), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11 [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in apportance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP  302.08]  The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  Signature	2. From: To :	-
3. From:  The document was recorded in the United States Patent and Trademark Office at Reel  Reel  Frame  or for which a copy thereof is attached.  Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(1), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]  The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  Signature	The document was recorded in the United States Patent and Trademark Office at	
The document was recorded in the United States Patent and Trademark Office at  Reel Frame or for which a copy thereof is attached.  Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(1), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]  The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  Signature	Reel, Frame or for which a copy thereof is attached.	
Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(1), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]  The undersigned (whose title is subplied below) is authorized to act on behalf of the assignee.		- 1
Additional documents in the chain of title are listed on a supplemental sheet.  As required by 37 CFR 3.73(b)(1)(1), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]  The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.  Signature	The document was recorded in the United States Patent and Trademark Office at	
As required by 37 CFR 3.73(b)(1)(1), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]  The undersigned (whose title is subplied below) is authorized to act on behalf of the assignee.  Signature	Reel Frame or for which a copy the basis is excessed.	
As required by 37 CFR 3.73(b)(1)(1), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]  The undersigned (whose title is subplied below) is authorized to act on behalf of the assignee.  Signature	Additional documents in the chain of title are listed on a supplemental sheet.	1
Signature Signature	As required by 37 CFR 3.73(b)(1)(I), the documentary evidence of the chain of title from the original owner to the assignes was, or concurrently to being, submitted for recordation pursuant to 37 CFR 3.11  [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment DiMsion in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP	nt
	The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.	_
Debea J. Paul 215-315-9007  Printed or Typed Name  Casine Vice Persinent & General Counsel		
Printed or Typed Name  Telephone Number  Casing Vian Pensine at & General Counsel	Deben J. Paul 215-315-9007	-
Carine Vice teasinent & General Lounsel	Printed or Typed Name Telephone Number	
Title	Senior Vice President & General Counsel	

F1068968 V1

**2** 005/010

JUN 1 5 2007

Attorney Docket Nn.: 019937-016830US Client Reference No.: NEO002554 S

ASSIGNMENT OF PATENT APPLICATION

AVE 18951

AILFORD PR 18951

AND DOINT

WHERBAS, Sami Saribas of 424 E. Church Lane, Philadelphia, PA 19144; David Hakes of 14 Fern Avenue, Willow Grove, PA 19090; Scott Willett of 3820 Comley Circle, Doylestown, PA 1980); Karl F. Johnson of 5320 Ivystream Road, Hatboro, PA 19040; Daniel James Bezild of 745 Red Lion Road, 3nd Ploor, Philadelphia, PA 19115; and Shawn DeFrees of 126 Filly Drive, North Wales, PA 19454, hereinafter reforred in as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

- 1/200 race)

Title of Invention:

METHODS OF REFOLDING MAMMALIAN

GLYCOSYLTRANSFERASES

Int'l Filing Date:

February 4, 2005

Int'l Application No.:

PCT/US2005/003856

Application No.;

10/587,769; and

WHEREAS, Neose Technologies, Inc., located at 102 Rock Road, Horsham, PA 19044, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same:

If or good and valuable consideration, receipt of which is hereby acknowledged by Assignore, Assignore have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may horeafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Parls Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not here made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, renewal, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest life thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Emberoadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

NEUNDASSUS

Assignment

Attorney Docket No.: 019957-016830US

Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 3/21/2 007.
SIGNATURE WITNESSED BY:

Dated: 3/22/2001

Dated: 3/22/07

Raly H Sandy

Rachel H. Rondinelli

Dated: 4/2/2007

SIGNATURE WITNESSED BY:

Dated: 4/2/01

Dated: 4/2/07

David Hakes

Your E. Contles.

LYNNE E. CONKLIN
Printed Name

Signature of Witness

Rachel H. Rondwelli Printed Namo

N600025545

Assignment Attorney Docket No.: 019957-016830US Page 3	,
Dated: MARCH 29, 2007	A. Let hill
SIGNATURE WITNESSED BY:	Scott Willett
Dated: 3/29/07	1 h SK//m
178164.	Signa ure of Witness
	David R Hesson
	Printed Name
Dated: 3/29/07	Thefile
	Signature of Witness
	Michael S. Framer
	Printed Name
•	
Deted:	
SIGNATURE WITNESSED BY:	Karl F. Johnson
Dated:	
	Signature of Witness
	Printed Name
Dated:	
<u>-</u>	Signature of Witness
	Printed Name

NEODOJSSUS

Attorney Docket No.: 019957-016830US Page 3	
Dated:	54.WIL
SIGNATURE WITNESSED BY:	Scott Willett
Dated:	
	Signature of Witness
	Printed Name
Dated:	Signature of Witness
	Printed Name
Dated: _Apr:19, 2007	Karl F. Johnson
SIGNATURE WITNESSED BY:	
Dated: 4/9/07	Signature of Witness
	LYNNE E. CONKLIN Printed Name
Dated: 4/9/07	Krulk Hondi Co. Signature of Witness
	Ruchel H. Rondinelli

Assignment

Page 4

Attorney Docket No.: 019957-016830US

NEODOZESUS

•	•
Dated: 30 Mac 07  SIGNATURE WITNESSED BY:  Dated: 30 Mac 07	Daniel Junes Becala  Signature of Witness
Dated: <u>30MGr O7</u>	Printed Name  Signature of Witness  Tosh Coldston  Printed Name
Dated: SIGNATURE WITHESSED BY: Dated:	Shawn DeFrees Signature of Witness
Dated:	Printed Name  Signature of Witness

61008770 v1

Printed Name

MEDODAES US

Assignment Attorney Docker No.: 019957-016830US Page 4	
Datcd:	
SIGNATURE WITNESSED BY:	Daniel James Rezila
Dated:	
	Signature of Witness
•	Printed Name
Dated:	
	Signature of Witness
	Printed Name
Daied: 3/29/07 SIGNATURE WITNESSED BY:	Shawn DeFrees
Dared: _3/29/07	Signature of Witness
	LYNNE E. CONKLIN Printed Name
Dated: 3/29/07	Signature of Witness
	Rachel H. Ranchnelli

61008770 v1